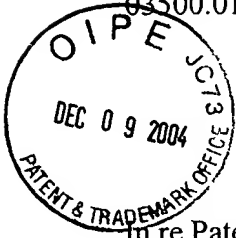


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Certificate**  
**MAR 30 2005**  
**of Correction**

~~QUEEN~~  
In re Patent of:

ICHIRO OKUMURA, et al.

Application No.: 09/588,549

Filed: June 7, 2000

For: OPTICAL ENCODER

U.S. Patent No.: 6,803,560

Issued: October 12, 2004

Examiner: Chih-Cheng Kao

Group Art Unit: 2882

December 8, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER RULES 322 AND 323

Sir:

It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

Accompanying this letter is a check for \$100.00 to cover the statutory  
 cate of Correction.

12/10/2004 SFELEKE2 00000142 6803560

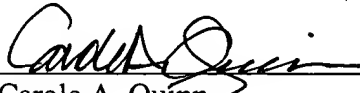
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01 FC:1811

MAR 31 2005

Patentees' undersigned attorney may be reached in our Costa Mesa,  
California, office by telephone at (714) 540-8700. All correspondence should continue to  
be directed to our address given below.

Respectfully submitted,

  
Carole A. Quinn  
Attorney for Patentees  
Registration No.: 39,000

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30 Rockefeller Plaza  
New York, New York 10112-3801  
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UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,803,560

DATED : October 12, 2004

INVENTOR(S) : ICHIRO OKUMURA, et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COVER PAGE

Under (56) References Cited, "JP 11-23324 1/1999" should be deleted (repetition).

COLUMN 2

Line 30, "grating among the light" should read --grating, among the light,--.

COLUMN 4

Line 20, "by" should read --is received by--.

COLUMN 8

Line 49, "from" should read --with--;

Line 64, "between on" should read --for-- , and "and on" should read --and--.

COLUMN 9

Line 24, "becomes" should read --arises--;

Line 31, "to" should read --with--;

Line 53, "between in" should read --between--; and

Line 54, "and in" should read --and--.

COLUMN 10

Line 50, "of" should read --with--.

COLUMN 13

Line 27, "113 The" should read --113. The--;

Line 47, "the both" should read --both--;

Line 60, "the both" should read --both--.

MAILING ADDRESS OF SENDER:

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COLUMN 16

Line 23, "scales" should read --scale--; and

Line 55, "direction;" should read --direction,--.

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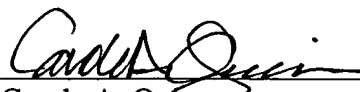
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